



IEEE Aerospace Electronic Systems Awards

Fulvio Gini

*AESS Spring 2023 Board of Governors Meeting
San Antonio, Texas, USA*

AESS Awards Ad Hoc Committee

- **Fulvio Gini** (Chair)
- **Braham Himed**
- **Alfonso Farina**
- **Hugh Griffiths**
- **Dale Blair**

Objectives

- **Long term strategic objectives:**
 1. **Taking a fresh look at all awards;**
 2. **Initiating new awards;**
 3. **Implementing changes to ensure better governance through revised processes and structures.**

Awards	Category	Who manage the selection process	Nomination deadline
1. Pioneer Award	Society Award	Awards chair	December 1
2. Distinguished Service Award	Society Award	Awards chair	December 1
3. Judith Resnik Space Award	Society Award	Awards chair	December 1
4. Industrial Innovation Award	Society Award	Awards chair	December 1
5. Early Career Award	Society Award	Awards chair	December 1
6. Outstanding Technical Panel of the Year Award	Member Services Award	VP Technical Operations	December 1
7. Chapter of the Year Award	Member Services Award	VP Member Services	December 1
8. Robert T. Hill Best Dissertation Award	Education Award	VP Education	October 31
9. Engineering Scholarship	Education Award	VP Education	December 1
10. Michael C. Wicks Radar Student Travel Grant	Education Award	Co-chairs of the Student Activities Committee	December 1

New!



Awards	Category	Who manage the selection process	Nomination deadline
11. Warren D. White Award	Panel Award	Committee Chair (appointed by the RSP chair)	January 31
12. Fred Nathanson Memorial Radar Award	Panel Award	Committee Chair (appointed by the RSP chair)	January 31
13. M. Barry Carlton Award	Publication Award	Journal EiC	January 31
14. Harry Rowe Mimno Award	Publication Award	Journal EiC	January 31
15. Walter R. Fried “PLANS” Best Paper Award in Navigation	Publication Award	Conference OC	January 31

Certificate of Merit	Category	Who manage the selection process	Nomination deadline
AESS Exceptional Service Award	Certificate of Merit	AESS BoG	On demand

Nominations received in the last 3 years

Awards	Nominations 2022/23	Nominations 2021/22	Nominations 2020/21
Fellowship	11	12	20
Pioneer Award	3	1 (deadline extended 2 months)	2
Distinguished Service Award <i>* Outstanding Organizational Leadership Award</i>	1 (deadline extended 2 months)	2* (deadline extended 2 months)	2*
Judith Resnik Space Award	2 (not assign this year)	2	2
Industrial Innovation Award	2	3	2
Early Career Award	2	2	4
R. T. Hill Best Dissertation Award	8	10	10
Warren D. White Award	3	4	2
Fred Nathanson Memorial Radar Award	5	7	5
M. Barry Carlton Award	1	N.A.	N.A.
Harry Rowe Mimno Award	N.A.	N.A.	N.A.

Distinguished Service Award	Society Pioneer Award	Judith A. Resnik Space Award	Industrial Innovation Award	Early Career Award
<u>Peter Willett</u> (3)	<u>Daniel Tazartes</u> (2)	<u>Maruthi Akella</u> (3)	<u>Michael Noble</u> (2)	<u>George T. Schmidt</u> (3)
Michael Braasch (3)	<u>Shoba Ram</u> (1)	Aloke Roy (3)	<u>Lyudmila Mihaylova</u> (2)	<u>Laura Anitori</u> (1)
<u>Hugh Griffiths</u> (1)	<u>Maria S. Greco</u> (2)	<u>Tanya Vladimirova</u> (1)	<u>Alfonso Farina</u> (1)	Steve Butler (3)
<u>Stephanie Bidon</u> (2)	<u>Giuseppe A. Fabrizio</u> (2)	<u>Jade Morton</u> (3)	Joseph Guerci (3)	<u>Kathleen Kramer</u> (2)

- 3 years for the chair and 3, 2, and 1-year terms for the committee members.
- Replace at least one member for each committee every year.
- Gender and Geographical Diversity!

– Weaknesses:

- For most of the awards, the number of nominations received every year is still small; sometimes only 1 (in this case we usually extend the deadline) or 2.

- Actions (suggested):

- The six AESS Panels should contribute more substantially, e.g. providing 1-2 nominations every year for each award (TBD with VP Technical Operations).
- The collaboration initiated with the Industry Relations committee to stimulate more nominations (in particular for the Industrial Innovation Award) has been fruitful so far.

MOTION: The AESS Award Committee moves to update the requirements TABARC Manual for the Fred Nathanson Memorial Radar Award description and eligibility from

“To recognize a young (less than 40 years of age) AESS radar engineer whose performance is particularly noteworthy as evidenced by his contributions to the radar art.”

To

“To recognize a young AESS radar engineer whose age has not reached the 41st birthday by the nomination deadline and whose performance is particularly noteworthy as evidenced by their contributions to the radar art.”

- Pros:
 - To be consistent with the language used in the AESS Early Career Award description and eligibility requirements and remove gendered language from the description.
- Cons:
 - None
- Financial Implications: \$0

MOTION: The AESS Award Committee moves to update the TABARC Manual for the Harry Rowe Mimno Award description from

“\$1,000 and Plaque. If more than one awardee, the monies are divided equally with individual Plaques. Travel expenses of up to \$1,000 per individual (up to a maximum of \$1,500 for multiple awards) may be authorized by President of Society.”

To

“\$1,000 and Plaque. If more than one awardee, the monies are divided equally with individual Plaques. Travel expenses of up to \$1,000 per individual awardee (up to a maximum of \$1,500 for multiple awardees) may be authorized by President of Society.”

- Pros:
 - To improve clarity. A single paper is awarded, possibly with multiple authors.
- Cons:
 - None
- Financial Implications: \$0